REPORT NUMBER 000000

REPORT DATE 26DEC72

į.	VOL 1 M/T	32841 SERIAL 00050987			
LO	GIC NUMBE	R DESCRIPTION	PART NUMBER	EC NUMBER	FEATURE BM
s Y	STEMS DIAGRAMS				. The same and an experience of the same and
	A1115	SOCKET LISTING	0001560961	000718555	0002570244
	BP005	3284/6 MOD 182 FTR CARDS	0001564118		0002570244
	BP010	INITIAL CHECKS & ADJ	0001565804		0002570244
	BP101	SERDES AND TIMING	0001567142		0002570244
	BP121	SERDES AND TIMING	0001567145		0002570244
	BP131	SERDES AND TIMING	0001567146		0002570244
	BP151	SERDES AND TIMING	0001567148		0002570244
	BP201	PRINTER CONTROL	0001567151		0002570244
	BP231	PRINTER CONTROL	0001567154		0002570244
	BP261	PRINTER CONTROL	0001567157		0002570244
	BP301	MOTOR CONTROLS	0001567160	000717487	0002570244
	BP321	MOTOR CONTROLS	0001567163	000717487	0002570244
war Pro-	BP341	MOTOR CONTROLS	0001567165		0002570244
	BP351	MOTOR CONTROLS	0001567168	000717474	0002570244
	BP361	MOTOR CONTROLS	0001824185		0002570244
	BP401	COUNTERS & COMPARE	0001567170		0002570244
	BP421	COUNTERS & COMPARE	0001824188		0002570244
	BP441	COUNTERS & COMPARE	0001567173		0002570244
	BP501	CHARACTER GENERATOR	0001567176		
	BP521	CHARACTER GENERATOR	0001567179		0002570244
	BP541	CHARACTER GENERATOR	0001567182		0002570244
* * * * 45	BP561	CHARACTER GENERATOR	0001567185		0002570244
	BP595	CHARACTER GENERATOR	0001567188		0002570244
	BP601	ERASE - WRITE	0001567189		0002570244
	BP621	ERASE - WRITE	0001567190		0002570244
	BP631	ERASE - WRITE	0001567191		0002570244
	BP701	MESSAGE BUFFER	0001567194		0002570244
to e	BP711	MESSAGE BUFFER	0001824191		_0002570244
	BP731	MESSAGE BUFFER	0001567195		0002570244
	BP801	JUMPER CARD	0001567198		0002570244
	BP 851	SENSE AMP & POR	0001567201		0002570244
	BP901	DRVR - RCVR & OSC	0001567204		0002570244
	BP 91 1	PRINTER INTERFACE DIAGRAM PRINTER 60 HZ	0001567205		0002570244 0002570244
1 ,	YF 6 7 7	DIAGRAM PRINTER 50 HZ	0002582951 0002481171		0002570244
	YF 682 YF 71 7	DIAGRAM PRINTER 50 HZ JAPAN			0002570244
3					

PAGE NO. 0001

						Company of a company	
SOLL	DI.	OGIC	DESIGN	AUTOM	ATION	-SOCKET	LISTING

			OLID FOR	IC DESIGN A	1010111	711011	OCKET LISTI	
A2	CONNECTOR BO4 BP911AD1	D2 D3		CARD 31 9118	F6	A04	BP731CB4 BP731CG4	ΥЗ
	BO7 BP9HAD3 BIO BP9HAD5 DO2 BP9HAG4	D4 D5	BD/OI	BP631		BO4 CO2	BP701CA4 BP701CF4	ZI
	DO6 BP9HAG4 DO8 BP9HAG4 DO9 BP9HAG4		BP601 BP611 BP621	BP641		DO2 EO2	BP731CA4 BP731CF4 BP701CE4	Z2
ΑΞ	CONNECTOR BO2 BP591 AU4	D6		ECTOR BP701CJ4 BP701CD4	G2 G3	QUAD	BP701BZ4 CARD 188 9113	_ Z3
	BO4BP59IAV4 BO5BP59IAW4 BO6BP59IBB4 BO8BP59IAX4 BO9BP59IAY4 BIOBP59IAZ4 BI2BP59IBA4	ΕI	AII B BII B BI3 B CI3 B DII B	ECTOR P911AA3 P911AA0 P911AA5 P911AA6 P911AA7	G4 G5	BP301 BP311 BP321 BP331	BP341 BP351 BP361	
	DO2 BP301BA4 DO5 BP301BJ4 DO6 BP301BM4 DO7 BP301AV4	E2 E3 E4 E5	85219 OR	CARD 86 9115 14 IF E/C	G6	A02 A04	BP731CE4 BP731BZ4	
A4	DII BP30IBF4	ť	BP101 BP111	718551 BP131 BP141	H2 H3 H4 H5		O CARD 192 9114	
A5		E6		BPI51 ECTOR BP731CD4	-	BP401 BP411 BP421	BP431 BP441 BP451	
B2 B3	DOUBLE CARD 8521823 9050 BP851		B04 I	BP731CJ4 BP701CC4 BP701CH4	J2 J3 J4	QUA	D CARD 494 9116	1 1900 1,001 1
B4	SINGLE CARD 8521985 9035 8P701		D02 E02	3P731CC4 BP731CH4 BP701CG4 BP701CB4	J5	BP501 BP511	BP541 BP551	
B5	SINGLE CARD 8521985 9035	FI	CONNI	ECTOR BP911AE4		BP521 BP531	BP561	
	BP7II		B13	BP911AA8 BP911AA9	K2			ŀ
C2 C3	DOUBLE CARD 8522012 L511	F0	EII I	BP911AA1 BP911AA4	K3			
C4	SINGLE CARD 8521985 9035	F2 F3 F4 F5	•	CARD 350 9117	K4			1
	BP721	-	BP201	BP241	K5			
C5	SINGLE CARD 8521985 9035		BP211 BP221 BP231	BP251 BP261 BP271	YI			1
DI	CONNECTOR EIB BP911AA2				Y2	night an agus agus an ann an Air Streen an air an 1979	garanaman ayaan daraan gadi falkin saarii 2000 oo s	1
<u> </u>		ر ا			. [

	PL	ug Li	ST
EC	7!7	487	BASI

		EC	71748	7 BASE		
PART	NO.	ACC	TYPE	SOCKET	'S	TOTAL
85214	88		9113	G2		0!
85214	92		9114	H2		01
85214	94		9116	J2		01
85228	350		9117	F2		01
85217	31		9118	D2		01
85218	323		9050	B2		01
85219	85		9035	B4 B5 C	4 C5	04
85219	86		9115	E2		01
85220	210		L5II	C2		01
			CONN	A2 A3 DI	D6	09
	•			EI E6 FI	F6	
				G6		
UNUS	ED			A4 A5 K	2 K3	12
				K4 K5 Y	1 Y2	
				Y3 ZI Z	2 Z3	

E/C SEQUENCE

		CARD		OPTIONAL OR
E/C	DATE	TYPE	SOCKET	MANDATORY
718551	1 SEP 72	9115	E2	0

Γ	EC HISTORY	DRAWING	TITLE] ^		
Γ	717487	SOCKET LIST] !		
	718555	MACH 3284-0	02			
		PART NO 1560961				
7		CLASSIFICATION	TDA	٠		
	•		IBM CORP	Pω		

CHARACTER GENERATOR FEATURE CARDS

328	4 \$ 3286	ROS CHAR GEN	CARP P/N
MO	151	EBCDIC	8521494
		GERMAN	8521497
L00	CATION	UNITED KINGDOM	8521498
A-	AIJ2	ASCIA	8521499
		ASCIB	3521500
		SWEDEN/FINLAND	8521971
		PENMARK/NORWAY	8521972
		SPAIN	8521973
		PORTUGAL / BRAZIL	8521975
NOTE2		TIMING & CONTROL	8521501
A-	AIK2	JAPAN - KATAKANA	8521518

3284 <i>६</i> 3286	FUNCTIONAL TITLE	CARD
MODI		P/N
A-AIZ2	JUMPER CARD	5800C36

INTERCHANGEABLE CARDS

	MILECHAIGEAGE	CALDO	
3284 ¢3286 MOD1 & 2	PART NUMBE		
A-AIF2	8521495	8521698	
A-AIG2	8521429	8521488	NOTE 3

NOTES:

- 1 THE CARDS IN LOCATION A-AIJ2 ARE INTERCHANGEABLE ACCORDING TO THE PRINTER CONFIGURATION
- THE TIMING AND CONTROL CARD IS TO BE USED WITH THE KATAKANA FEATURE

3 CARD P/N 8521429 IS JUMPERED AS FOLLOWS	40CPS	66 CP5
CARD P/N 8521488 IS JUMPERED AS FOLLOWS.		. 0

		EC HIS	STORY	DRAWING TITLE				
	RELEASE 717487			3284/6 MO	D 1 & 2 FEAT	TURE CAR	DS	
MACH 3270								
				PART NO 1564118				
ſ	С	·		CLASSIF	ICATION	TT-1.		
	<u> </u>					TDM	CORP	

BP005

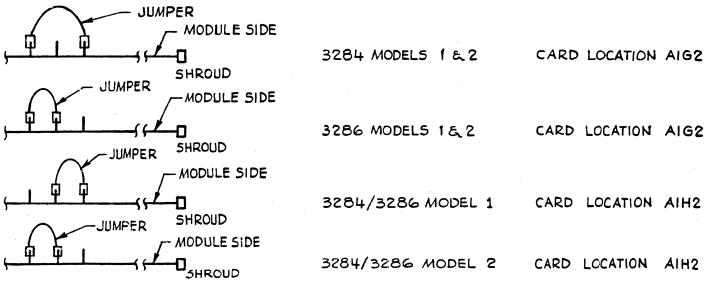
BP005

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SPARTING MEDIA. GRAPHIC CONTROLS CORPORATION BARRIO, New York Property II

INITIAL CHECKS & ADJUSTMENTS

1.0 BEFORE BRINGING UP POWER ON YOUR PRINTER, CHECK THE FOLLOWING CARD (CARDS) TO INSURE THAT THE PROGRAMMABLE JUMPER IS PLUGGED PROPERLY FOR YOUR MACHINE. (THIS CHECK IS LISTED IN THE FETM).



- 2.0 REMOVE PRINTER COVERS AND EXPOSE THE (3)THREE TRANSDUCERS (REFER TO FETM). TURN POWER ON, LET PRINT UNIT MOVE TO THE RIGHT MARGIN AND THEN RETURN TO THE LEFT MARGIN. THIS IS THE HOME POSITION OF THE PRINT UNIT AND IN THIS POSITION THE POINT OF THE TRANSDUCER MARKED "PRINT RIGHT" SHOULD BE EXACTLY OPPOSITE THE CENTER SCRIBED LINE ON THE TRANSDUCER EMITTER WHEEL IF THE WHEEL IS CORRECTLY POSITIONED, YOU MAY NOW CHECK THE MACHINE FORWARD & REVERSE SPEED. IF, HOWEVER, THE WHEEL IS NOT POSITIONED CORRECTLY, REFER TO THE FETM FOR YOUR MACHINE FOR THE CORRECT ADJUSTMENT PROCEDURE.
- 3.0 FORWARD & REVERSE SPEED CHECK (USE TERTRONIX . 453 OR EQUIVALENT SCOPE)
 - 3.1 THIS CHECK IS MADE BY TURNING PRINTER POWER ON AND OFF. POWER ON RESET WILL FORCE THE UNIT TO MAKE ONE COMPLETE SWEEP.
 - 3.2 JUMPER THE SLOWDOWN SWITCH TO GROUND POINT AIG2BØ6 TO AIG2DØ8.
 - 3.3 CHECK FORWARD SPEED
 - 3.3.1 PROBE POINT AIB2-JI2.
 - 3.3.2 FOR ALL MODELS 3284, PULSE WIDTH (NEGATIVE AND POSITIVE TRANSITION) SHOULD BE 2.0 MILLISECOND + 80 MICRO SECOND.
 - 3.3.3 FOR ALL MODELS 3286, PULSE WIDTH SHOULD BE 1.2 MILLISECOND ± 50 MICRO SECONDS.
 - 3.3.4 IF THE SPEED IS NOT WITHIN TOLERANCE, REFER TO THE FETM FOR THE CORRECT ADJUSTMENT PROCEDURE.
 - 3,4 CHECK REVERSE SPEED:
 - 3.4.1 PROBE POINT AIB2-DI2
 - 3.4.2 FOR ALI. MODELS 3284, PULSE WIDTH SHOULD BE 2.0 MILLISECOND 1 80 MICRO SECONDS.
 - 3.4.3 FOR ALL MODELS 3286, PULSE WIDTH SHOULD BE 1.2 MILLISECOND ± 50 MICRO SECONDS.
 - 3.4.4 IF THE SPEED IS NOT WITHIN TOLERANCE, REFER TO THE FETM FOR THE CORRECT ADJUSTMENT PROCEDURE
 - 3.5 REMOVE THE JUMPER FROM THE SLOWDOWN SWITCH TO GROUND:
 - 3.5.1 WITH THIS JUMPER OFF THE PRINT UNIT WILL CONTINUE TO MOVE IN THE FORWARD DIRECTION AT THE SAME SPEED, BUT, IN THE REVERSE DIRECTION THE PRINT UNIT SHOULD TRAVEL AT HIGH SPEED. IF THE UNIT DOES NOT RETURN AT HIGH SPEED, REFER TO THE FETM SYMPTON INDEX FOR TROUBLE SHOOTING PROCEDURE.

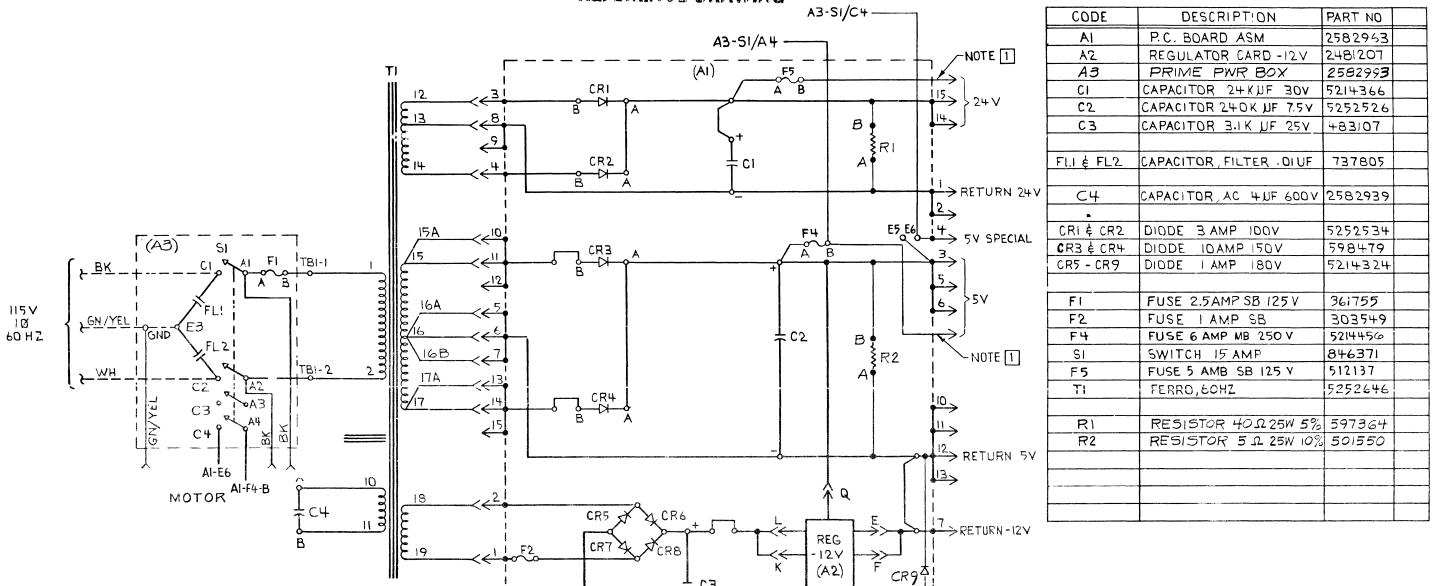
JURE	30 1110 / 3111			DRAWING		
	4MAR72	7/7480				
			MACH			
•			PART NO	15658	304	
			CLASSIFI	CATION	TOL#	
C					IBM	CORP

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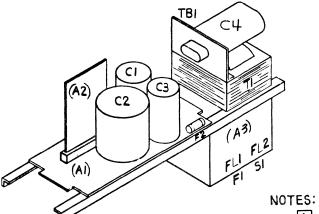
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FIELD USE



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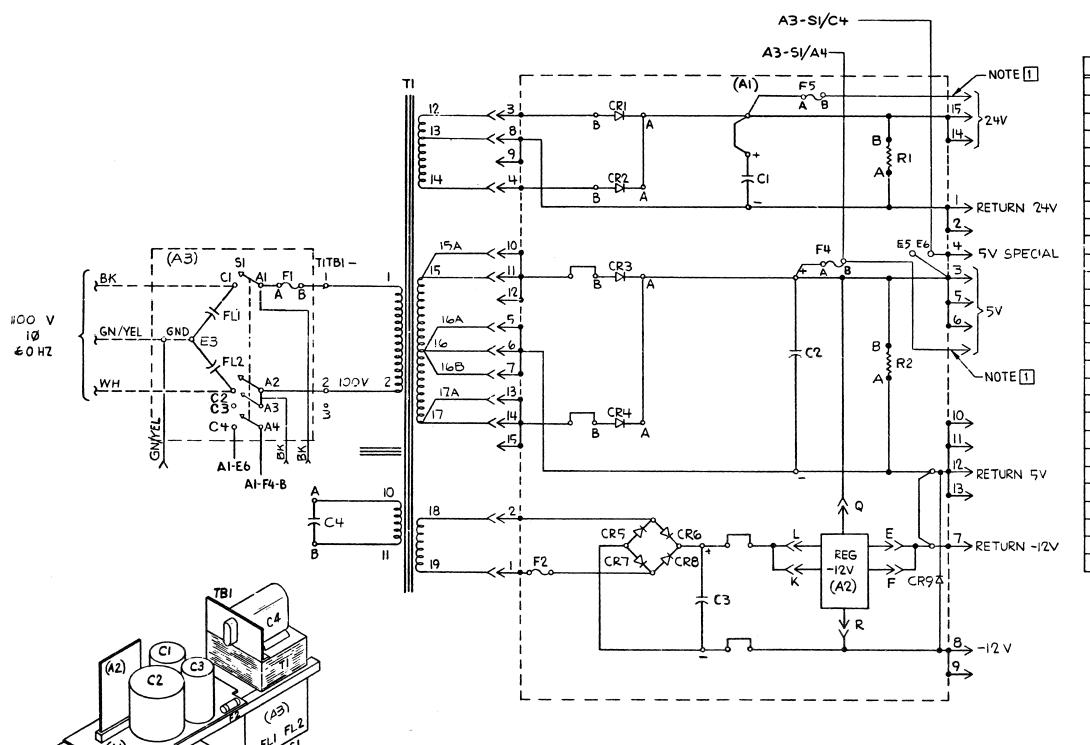


1 THESE LEADS WILL BE TERMINATED AT THE NEXT HIGHER ASSEMBLY

	<u> </u>		CLASSIFICATION UNL CCT TO MI MI OGITO LEM CORP
garage.	3 FEB 75	741921	PART NO 2582951
	8. JAN 75	741286	MACH 7
	SEE EC	HISTORY	DIAGRAM PRINTER 60 HZ
	EC HI	STORY	DRAWING TITLE

RELEASED FOR ASM 2582950 REF

REFERENCE DRAWING



THESE LEADS WILL BE TERMINATED AT THE NEXT HIGHER ASSEMBLY

CODE	DESCRIPTION	PART NO
ΑI	P.C. BOARD ASM	2582963
A2	REGULATOR -12V	2481207
АЗ	PRIME PWR BOX	2582993
Cl	CAPACITOR 24K UF 30V	5214366
C2	CAPACITOR 240K UF 7.5V	5252526
C3	CAPACITOR 3.1K UF 25V	483107
•		
FLI & FL2	CAPACITOR, FILTER .OI UF	737805
C4	CAPACITOR, AC 4UF 660V	5252814
CRI & CR2	DIODE BAMP 100V	5252534
CR3 ¢ CR4	DIODE JOAMP 150V	598479
CR5- CR9	DIODE IAMP 180V	5214324
FI	FUSE 2.5 AMP SB 125V	361755
F2	FUSE IAMP SB 250V	303549
F4	FUSE GAMP MB 250 V	5214456
SI	SWITCH 15 AMP	846371
F5 ·	FUSE 5 AMP SB 125V	512137
TI	FERRO	4119305
RI	RESISTOR 40 1 25W 5%	597364
R2	RESISTOR 5 1 25W 10%	501550
	•	

RELEASED FOR ASM 2481225 REF

	SEE EC HI	STORY	DRAWING 1	T:TLE
	18 JAN72 716732		WIRING DIAGRAM	N -
	24 JAN 73	138045	PRINTER, JAPAN	1 60 HZ
	17 JUL 73	739025	PART NC 2481	226
T _n	3 FEB 75	741921	CLASSIFICATION	MOT
D			WIL IK! THAM !/ST	LDIVI CORP

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FIELD USE

		A3-SI/C4 —	
		A3-SI/A4	
		- NOTE [3	3]
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		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
		B D A RETURN	24V
		$\frac{1}{\sqrt{2}}$	
	(A3) SI TITBI	15A (10) F4 E5 E6 14 5V SPEC	IAL
	(A3) SI TITBI	1/5 CR3 4 A B	
	A B 2 100V 23	B A	
220 V	FLI 1 3 110V 33	6 16A 5 V	
ΙØ	€3 14 :23.5V 43		
50 HZ		TC2 B	
	FL2 5 0 220V 63		
	C2 A2 7 255V 78	€ / 17A < 13	
	C+0 A+X M		
	AI-E6 AI-F4-B	RETURN 5	;v
	MOTOR A 10		
	‡ _{C4} ₩	18 <21	
		CR5 X CR6 E 17 PETURN	-17\/
	В ІІ		120
	TPI	K (A2) F CR9X	
	7B1 C4		
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	CI	-12 V	
	$\begin{pmatrix} A2 \end{pmatrix} \begin{pmatrix} C2 \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} & C \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} & C \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} & C \end{pmatrix} \begin{pmatrix} C3 \end{pmatrix} \begin{pmatrix} C$	9	
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	(A3)		

NOTES

[] FUSE 1176668 15 REQUIRED WHEN THE UNIT
15 WIRED FOR 220V OR 235V

[2] FUSE 361755 IS REQUIRED WHEN THE UNIT
15 WIRED FOR 100V, 110V OR 123.5V

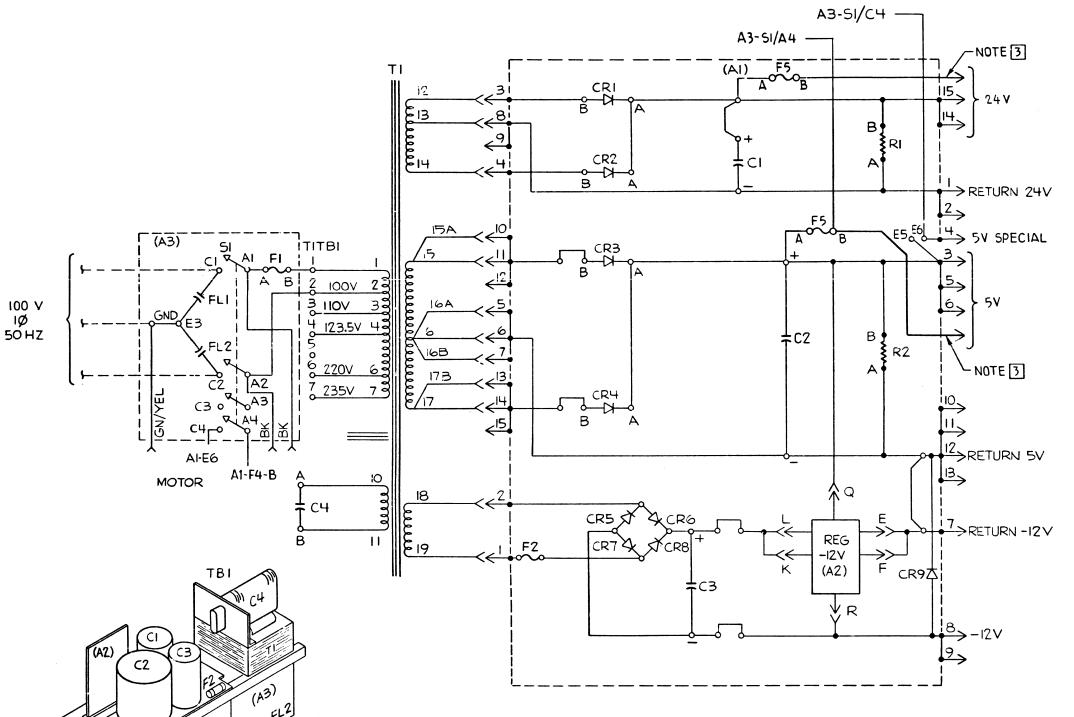
CODE	DESCRIPTION	PART NO
Al	P.C. BOARD ASM	2582963
A2	REGULATOR -12V	2481207
A3	PRIME PWR BOX	2582993
Cl	CAPACITOR 24K UF 30V	5214366
C2	CAPACITOR 240K UF 7.5V	5252526
C3	CAPACITOR 3.1 K UF 25 V	483107
FLIEFL2	CAPACITOR, FILTER .O! UF	737805
C4	CAPACITOR, AC 4UF 600V	2582939
CR! & CR2	DIODE 3AMP 100V	5252534
CR3 ¢ CR4	DIODE DAMP 150V	598479
CR5-CR9	DIODE LAMP 180V	5214324
FI	FUSE 1.5 AMP 5B 250V	NOTE []
• •	FUSE 2.5AMP SB 125V	NOTE 2
F2	FUSE IAMP SB 250V	303549
F4	FUSE GAMP MB 250V	5214456
SI	SWITCH 15 AMP	846371
F5	FUSE 5 AMP SB 125 V	512137
TI	FERRO ,50HZ	4119270
RI	RESISTOR 40 \Omega 25W 5%	597364
R2	RESISTOR 5 1 25 W 10%	501550

RELEASED FOR ASM 2481170 REF

	EC HISTORY		DRAWING '	TITLE
	SEE EC HISTORY		DIAGRAM PRINTER 50 HZ	
	8 JAN 75	741286	MACH	
	3 FEB 75	741921	PART NO 24811	71
<u></u>			CLASSIFICATION	7552
ע			WIL 1/15/70 HALLE 1/15/71	15 M CORP

3	THESE LEA	DS WILL	BE TERMINATED	ΤΔ
	THE NEXT	HIGHER	ASSEMBLY	

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Al	P.C. BOARD ASM	2582963	
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CI	CAPACITOR 24K UF 30V	5214366	
C2	240K UF 7.5V	5252526	
С3	▼ 3.1K UF 25V	483107	
C 1	CAPACITOR AC 4UF 600 V	5252814	
CRI¢CR2	DIODE 3AMP 100V	5252534	
CR3#CRH	DIODE IOAMP 150V	598479	
CR5-CR9	DIODE I AMP 180V	5214324	
FI	FUSE 1.5 AMP SB 250V	NOTE []	
F 1	FUSE 2.5AMP SB 125V	NOTE 2	
F2	FUSE I AMP SB 250V	303549	
F4	FUSE 6AMP MB 250V	5214456	
FLI¢FL2	CAPACITOR, FILTER .OIUF	737805	
F5	FUSE 5 AMP SB 125V	512137	
RI	RESISTOR 401,25W,5%	597364	
R2	RESISTOR 5_2,25W,10%	501550	
SI	SWITCH ISAMP	846371	THORN.
			~ «rvenas
Tı	FERRO,50HZ	4119391	

RELEASED FOR ASM 1838651 REF

	EC HISTORY			DRAWING	TITLE
	16 JAN 73	738045	WIRING	DIAGRA	Μ
	17 JUL 73	739025	PRINTE	R, JAPAN	50 HZ
	3 FEB75	741921	PART NO	183865	52
n			CLASSIF	ICATION	
U					ADVI CORP

3	THESE LEADS WILL BE TERMINATED AT TH	Ε
	NEXT HIGHER ASSEMBLY	

2 FUSE 361755 IS REQUIRED WHEN THE UNIT IS WIRED FOR 100V, 110V OR 123.5V

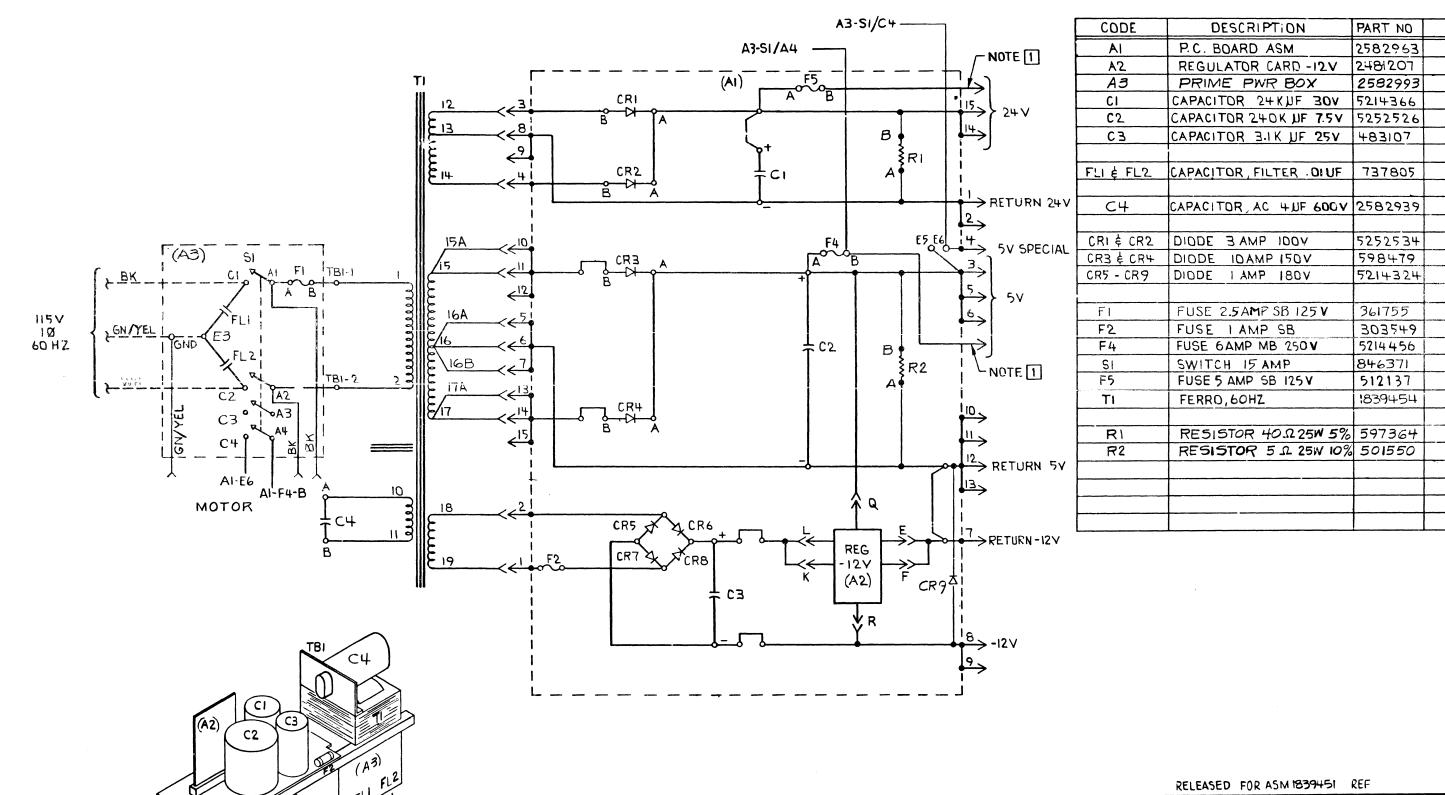
IS WIRED FOR 220V OR 235V

FUSE 1176668 IS REQUIRED WHEN THE UNIT

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	EC HIS	STORY	DRAWING '	TITLE	
	4 MAY 73	738471	WIRI NG DIAGRAM-	PRINTER, 60HZ	
	17 JUL73	737025	MACH		
	3 FEB75	741921	PART NO 1839452	2	
n			CLASSIFICATION	TOM	
U				IBM CORP	

1 THESE LEADS WILL BE TERMINATED AT THE

NEXT HIGHER ASSEMBLY

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